

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S44	10	("2549417"   "3120227"   "3719190"   "3738369"   "3754555"   "3814104"   "3835864").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 18:23
S45	10	("3120227"   "3347224"   "3348548"   "3523538"   "3631848"   "3665916").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 18:24
S46	37	("3754555").URPN.	USPAT	OR	ON	2007/09/07 18:24
S47	7	("4103690"   "5037433"   "5250054"   "5281234"   "5364410"   "5387227"   "5403329").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 18:26
S48	49	("5573542").URPN.	USPAT	OR	ON	2007/09/07 18:26
S49	27	("2108206").URPN.	USPAT	OR	ON	2007/09/07 18:27
S50	9	("2108206"   "2114695"   "3120227"   "3347224"   "3754555").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 18:28
S51	30	("3814104").URPN.	USPAT	OR	ON	2007/09/07 18:28
S52	25	("3580242"   "3814104"   "3844292"   "4011875"   "4013690"   "4058128"   "4142530"   "4233992"   "4282885"   "4357946"   "4378023"   "4401126"   "4567900"   "4624265"   "4649938"   "4858623"   "4860760"   "4860769"   "4865037"   "5007436"   "5052407"   "5179962"   "5259395"   "5425756"   "H000356").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 18:29
S53	7	("3754555"   "3844292"   "3880169"   "3976082"   "3978865"   "4058128"   "4066085").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 18:42
S54	9	("4142530").URPN.	USPAT	OR	ON	2007/09/07 18:42
S55	9	("4142530").URPN.	USPAT	OR	ON	2007/09/07 18:43
S56	9	("4142530").URPN.	USPAT	OR	ON	2007/09/07 18:44
S57	7	("3754555"   "3844292"   "3880169"   "3976082"   "3978865"   "4058128"   "4066085").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 18:59
S58	9	("4142530").URPN.	USPAT	OR	ON	2007/09/07 18:59
S59	7	("3118439"   "3835864"   "3868956"   "3939843"   "4011875"   "4057067").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 19:02
S60	27	("4233992").URPN.	USPAT	OR	ON	2007/09/07 19:03
S61	20	("3416534"   "3754555"   "3902501"   "3943936"   "3976082"   "4233992"   "4258724"   "4280512"   "4378023"   "4408604"   "4463754"   "4502492"   "4570642"   "4628943"   "4649938"   "4662382"   "4762136"   "4943289"   "5003992").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 19:05
S62	12	("1708578"   "2808055"   "2812759"   "3857386"   "3890977"   "4935068"   "5106369"   "5133721"   "5174279").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 19:07
S63	15	("1708578").URPN.	USPAT	OR	ON	2007/09/07 19:07
S64	65	("5514076").URPN.	USPAT	OR	ON	2007/09/07 19:08
S65	192	retractable and grapple	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/09/07 19:09
S66	165	retractable and grapple	USPAT; EPO; JPO	OR	ON	2007/09/07 19:11
S67	92	retractable and grappling	USPAT; EPO; JPO	OR	ON	2007/09/07 19:18

## EAST Search History

S68	49	S67 and hook	USPAT; EPO; JPO	OR	ON	2007/09/07 19:11
S69	30	("1031903"   "1295076"   "2887980"   "2940411"   "3021812"   "3485199"   "3593682"   "4038934"   "4108484"   "4114554"   "4125082"   "4133569"   "4210092"   "4369727"   "4379580"   "4385584"   "4577582"   "4579077"   "4596202"   "4700420"   "4951593"   "5095842"   "5404831"   "D297321").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 19:12
S70	9	("2526214"   "2643630"   "2735395"   "3793977"   "4763597"   "4823721").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 19:12
S71	2	("1031903").URPN.	USPAT	OR	ON	2007/09/07 19:15
S72	17	("3902501"   "3939843"   "3943936"   "4233992"   "4378023"   "4567901"   "4585013"   "4721118"   "4858623"   "5115818"   "5179962"   "5257634"   "5314462"   "5385579"   "5476500"   "5571162"   "5601614").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/07 20:31
S73	17	("5871532").URPN.	USPAT	OR	ON	2007/09/07 20:32
S74	27	("2108206").URPN.	USPAT	OR	ON	2007/09/07 20:38
S75	17	("5871532").URPN.	USPAT	OR	ON	2007/09/07 21:17